



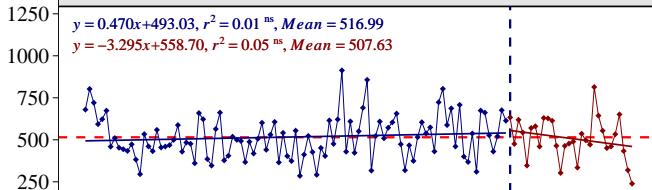
1889-1989



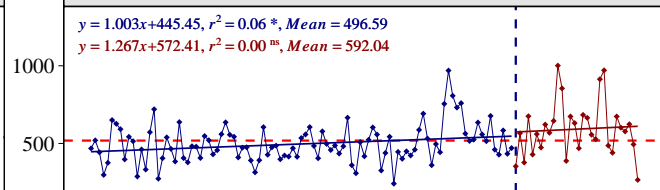
1990-2019

Average total precipitation (mm)

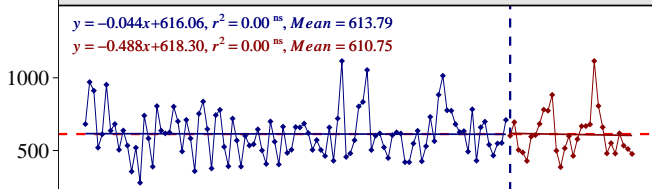
NSW



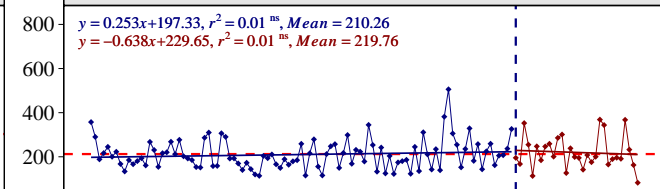
NT



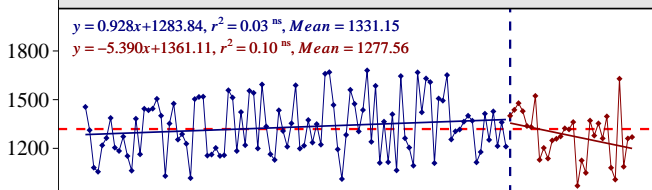
QLD



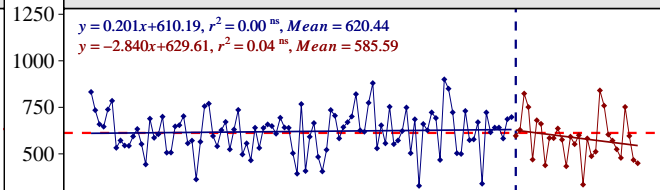
SA



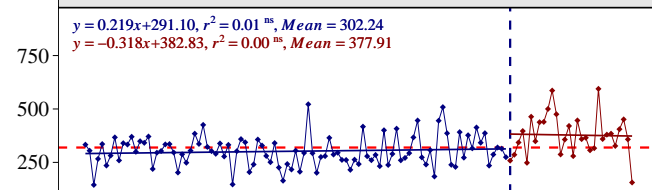
TAS



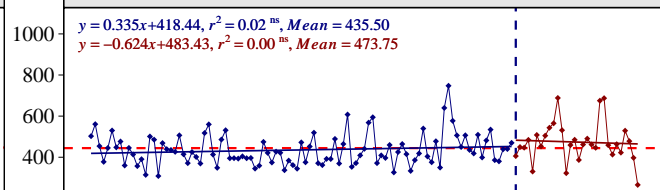
VIC



WA



Australia



1899 1914 1929 1944 1959 1974 1989 2004 2019

Year



1889-1989



1990-2019

Average total precipitation (mm)

NSW

$$y = 0.329x + 135.17, r^2 = 0.02^{\text{ns}}, \text{Mean} = 151.94$$
$$y = -1.119x + 181.28, r^2 = 0.04^{\text{ns}}, \text{Mean} = 163.94$$

QLD

$$y = 0.092x + 323.22, r^2 = 0.00^{\text{ns}}, \text{Mean} = 327.93$$
$$y = -0.575x + 352.67, r^2 = 0.00^{\text{ns}}, \text{Mean} = 343.75$$

TAS

$$y = 0.250x + 219.39, r^2 = 0.01^{\text{ns}}, \text{Mean} = 232.16$$
$$y = -2.171x + 252.73, r^2 = 0.15^*, \text{Mean} = 219.09$$

WA

$$y = 0.139x + 122.19, r^2 = 0.01^{\text{ns}}, \text{Mean} = 129.29$$
$$y = 0.970x + 174.05, r^2 = 0.01^{\text{ns}}, \text{Mean} = 189.09$$

NT

$$y = 0.452x + 277.21, r^2 = 0.02^{\text{ns}}, \text{Mean} = 300.27$$
$$y = 0.748x + 372.26, r^2 = 0.00^{\text{ns}}, \text{Mean} = 383.85$$

SA

$$y = 0.225x + 38.40, r^2 = 0.04^*, \text{Mean} = 49.86$$
$$y = 0.220x + 60.22, r^2 = 0.00^{\text{ns}}, \text{Mean} = 63.64$$

VIC

$$y = 0.154x + 104.48, r^2 = 0.01^{\text{ns}}, \text{Mean} = 112.31$$
$$y = -0.025x + 123.53, r^2 = 0.00^{\text{ns}}, \text{Mean} = 123.14$$

Australia

$$y = 0.216x + 180.07, r^2 = 0.02^{\text{ns}}, \text{Mean} = 191.07$$
$$y = 0.197x + 228.12, r^2 = 0.00^{\text{ns}}, \text{Mean} = 231.18$$

Year



1889-1989



1990-2019

Average total precipitation (mm)

NSW

$y = 0.200x + 117.36$, $r^2 = 0.01$ ^{ns}, *Mean* = 127.57
 $y = -0.312x + 114.86$, $r^2 = 0.00$ ^{ns}, *Mean* = 110.03

QLD

$y = 0.029x + 148.67$, $r^2 = 0.00$ ^{ns}, *Mean* = 150.15
 $y = 0.630x + 129.35$, $r^2 = 0.01$ ^{ns}, *Mean* = 139.12

TAS

$y = 0.422x + 297.45$, $r^2 = 0.03$ ^{ns}, *Mean* = 318.96
 $y = 0.354x + 285.24$, $r^2 = 0.00$ ^{ns}, *Mean* = 290.72

WA

$y = 0.082x + 75.98$, $r^2 = 0.00$ ^{ns}, *Mean* = 80.15
 $y = -0.335x + 98.15$, $r^2 = 0.00$ ^{ns}, *Mean* = 92.95

NT

$y = 0.440x + 101.14$, $r^2 = 0.05$ ^{*}, *Mean* = 123.57
 $y = 1.048x + 113.62$, $r^2 = 0.01$ ^{ns}, *Mean* = 129.86

SA

$y = 0.052x + 49.74$, $r^2 = 0.00$ ^{ns}, *Mean* = 52.38
 $y = 0.639x + 35.36$, $r^2 = 0.06$ ^{ns}, *Mean* = 45.27

VIC

$y = 0.072x + 141.41$, $r^2 = 0.00$ ^{ns}, *Mean* = 145.09
 $y = 0.878x + 104.23$, $r^2 = 0.05$ ^{ns}, *Mean* = 117.84

Australia

$y = 0.143x + 101.56$, $r^2 = 0.01$ ^{ns}, *Mean* = 108.85
 $y = 0.284x + 103.13$, $r^2 = 0.00$ ^{ns}, *Mean* = 107.53

Year

1899 1914 1929 1944 1959 1974 1989 2004 2019

1899 1914 1929 1944 1959 1974 1989 2004 2019

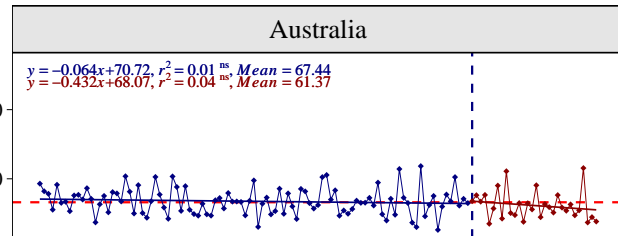
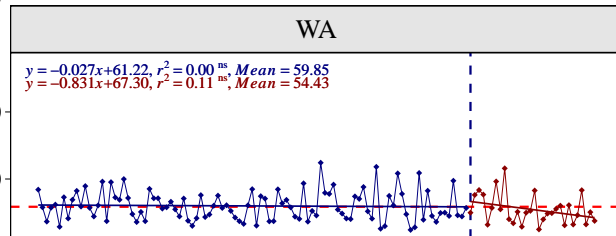
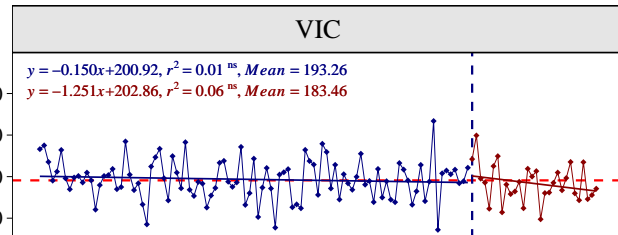
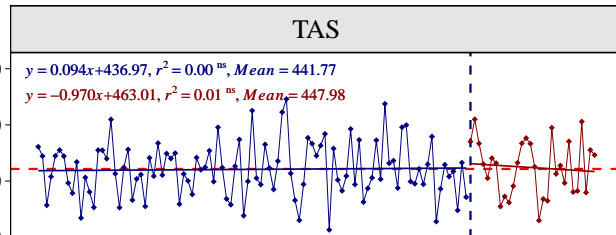
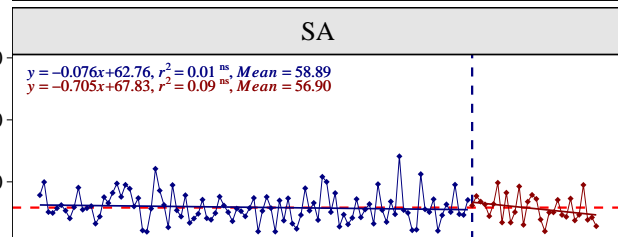
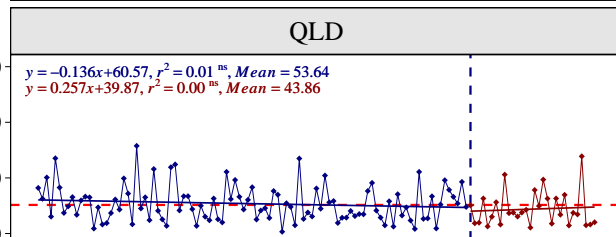
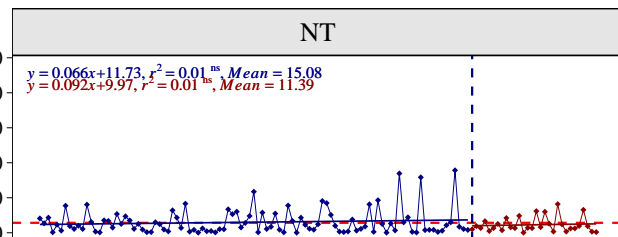
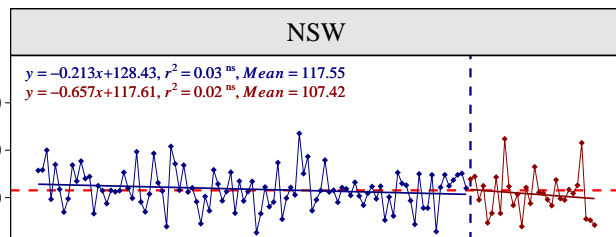


1889-1989



1990-2019

Average total precipitation (mm)



Year



1889-1989



1990-2019

Average total precipitation (mm)

NSW

$$y = 0.187x + 110.02, r^2 = 0.01^{\text{ns}}, \text{Mean} = 119.54$$
$$y = -0.781x + 139.35, r^2 = 0.02^{\text{ns}}, \text{Mean} = 127.25$$

QLD

$$y = 0.028x + 80.07, r^2 = 0.00^{\text{ns}}, \text{Mean} = 81.47$$
$$y = -0.189x + 88.32, r^2 = 0.00^{\text{ns}}, \text{Mean} = 85.38$$

TAS

$$y = 0.222x + 326.25, r^2 = 0.01^{\text{ns}}, \text{Mean} = 337.55$$
$$y = -2.537x + 358.51, r^2 = 0.12^{\text{ns}}, \text{Mean} = 319.18$$

WA

$$y = 0.047x + 30.39, r^2 = 0.01^{\text{ns}}, \text{Mean} = 32.78$$
$$y = 0.281x + 37.18, r^2 = 0.02^{\text{ns}}, \text{Mean} = 41.53$$

NT

$$y = 0.100x + 51.98, r^2 = 0.01^{\text{ns}}, \text{Mean} = 57.09$$
$$y = 0.233x + 64.70, r^2 = 0.00^{\text{ns}}, \text{Mean} = 68.32$$

SA

$$y = 0.064x + 45.76, r^2 = 0.01^{\text{ns}}, \text{Mean} = 49.01$$
$$y = -0.581x + 63.27, r^2 = 0.03^{\text{ns}}, \text{Mean} = 54.27$$

VIC

$$y = 0.159x + 161.39, r^2 = 0.01^{\text{ns}}, \text{Mean} = 169.51$$
$$y = -2.094x + 194.15, r^2 = 0.10^{\text{ns}}, \text{Mean} = 161.69$$

Australia

$$y = 0.076x + 63.93, r^2 = 0.01^{\text{ns}}, \text{Mean} = 67.79$$
$$y = -0.184x + 77.23, r^2 = 0.00^{\text{ns}}, \text{Mean} = 74.38$$

Year



1889-1989



1990-2019

Average total precipitation (mm)

NSW

$$y = 0.030x + 272.73, r^2 = 0.00^{\text{ns}}, \text{Mean} = 274.26$$
$$y = -2.754x + 290.60, r^2 = 0.07^{\text{ns}}, \text{Mean} = 247.90$$

QLD

$$y = -0.161x + 161.39, r^2 = 0.00^{\text{ns}}, \text{Mean} = 153.18$$
$$y = -0.882x + 147.54, r^2 = 0.01^{\text{ns}}, \text{Mean} = 133.87$$

TAS

$$y = 0.583x + 891.11, r^2 = 0.01^{\text{ns}}, \text{Mean} = 920.82$$
$$y = -2.644x + 931.30, r^2 = 0.03^{\text{ns}}, \text{Mean} = 890.32$$

WA

$$y = 0.033x + 119.11, r^2 = 0.00^{\text{ns}}, \text{Mean} = 120.80$$
$$y = -1.524x + 141.84, r^2 = 0.11^{\text{ns}}, \text{Mean} = 118.22$$

NT

$$y = 0.256x + 57.58, r^2 = 0.03^{\text{ns}}, \text{Mean} = 70.65$$
$$y = -0.335x + 83.52, r^2 = 0.00^{\text{ns}}, \text{Mean} = 78.33$$

SA

$$y = -0.076x + 132.75, r^2 = 0.00^{\text{ns}}, \text{Mean} = 128.89$$
$$y = -1.195x + 141.82, r^2 = 0.05^{\text{ns}}, \text{Mean} = 123.29$$

VIC

$$y = -0.032x + 421.88, r^2 = 0.00^{\text{ns}}, \text{Mean} = 420.23$$
$$y = -2.939x + 424.66, r^2 = 0.10^{\text{ns}}, \text{Mean} = 379.11$$

Australia

$$y = 0.019x + 158.04, r^2 = 0.00^{\text{ns}}, \text{Mean} = 159.02$$
$$y = -1.349x + 170.78, r^2 = 0.06^{\text{ns}}, \text{Mean} = 149.88$$

Year